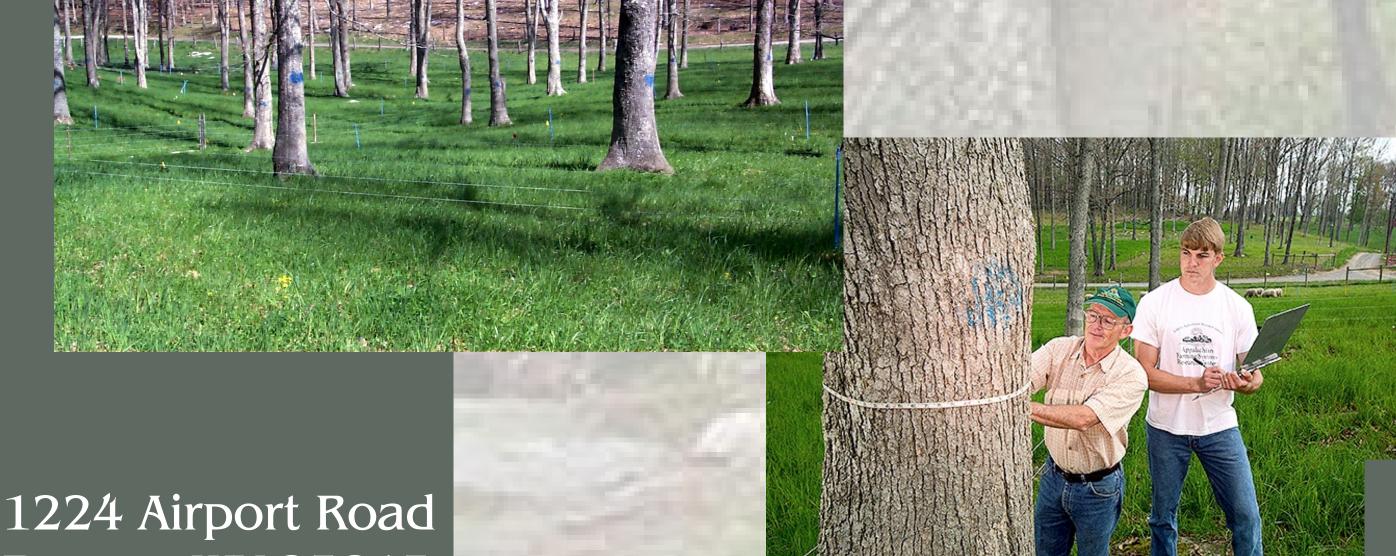
## Appalachian Farming Systems Research Center

## Silvopasture

- Farms in the Appalachian Region are a mosaic of pasture and wooded sites.
- Silvopasture, or forages grazed as understory crops, helps diversify income, and improves land-use efficiency on small farms with limited land area.
- Tree canopies influence the quantity and quality of light reaching the understory and affect forage production and composition.
- Selective tree removal improves:
  - the amount and quality of light reaching the sward,
  - forage productivity and nutritive value,
  - productivity of remaining trees.





David Belesky (david.belesky@ars.usda.gov) Charlie Feldhake (charlie.feldhake@ars.usda.gov) Jim Neel (jim.neel@ars.usda.gov)